



DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: John F. O'Connor, Jr.; Roger B.

Dickinson and Russel H. Marvin

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventory (if only one name is listed below) or an original, first and joint inventory (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled IMPROVED CENTRIFUGAL IMPELLER, and which

(Check X is attached hereto.
one)

_____ was filed on _____ as
Application Serial No. _____
and was amended on _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56 and 1.63(d).

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventory's certificate having a filing date before that of the application on which priority is claimed:

| Prior Foreign Application(s) | | | Priority <u>Claimed</u> | |
|------------------------------|-----------|------------------------|----------------------------|----|
| (Number) | (Country) | (Day/Month/Year Filed) | Yes | No |

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States Provisional Application(s) listed below:

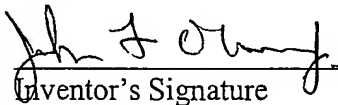
| | | | Priority <u>Claimed</u> | |
|------------|-----------|------------------------|----------------------------|----|
| (Number) | (Country) | (Day/Month/Year Filed) | Yes | No |
| 60/270,932 | | | X | |

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 and 1.63(d) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|--------------------------|------------------|--------------------------------|
| <u>60/270,932</u> | <u>2/26/2001</u> | |
| (Application Serial No.) | (Filing Date) | (Status) |
| | | (Patented, pending, abandoned) |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

John F. O'Connor, Jr.
Full name of sole or first
Inventor


Inventor's Signature

34 Deer Run
New Hartford, CT 06057
Residence Address

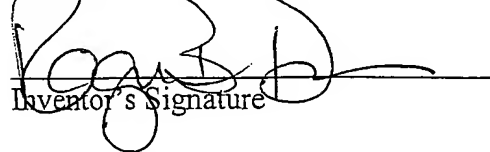
same as above
Post Office Address

2/19/02 United States
Date Citizenship

Roger B. Dickinson

Full name of sole or second

Inventor



Inventor's Signature

2/19/02 United States
Date Citizenship

2051 Weed Road

Torrington, CT 06790

Residence Address

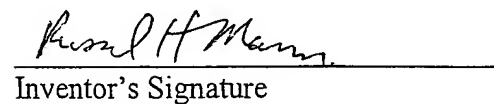
same as above

Post Office Address

Russel H. Marvin

Full name of sole or third

Inventor



Inventor's Signature

2-19-02 United States
Date Citizenship

88 E. Hyerdale Drive

Goshen, CT 06756

Residence Address

same as above

Post Office Address

ASSIGNMENT

THIS INSTRUMENT OF ASSIGNMENT WITNESSETH THAT:

WHEREAS, we, John F. O'Connor, Jr; Roger B. Dickinson
and Russel H. Marvin

residents of NewHartford, CT; Torrington, CT and Goshen, CT

respectively, have invented improvements in

Centrifugal Blower with Partitioned Scroll Diffuser
for which we have executed on

February 19, 2002
an application for Letters Patent of the United States, and

WHEREAS, Torrington Research Company

a corporation of the State of Connecticut

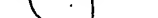
having a place of business at 89 Commercial Boulevard
Torrington CT 06790

is desirous of acquiring an interest in said invention, said application and the Letters
Patent to be issued therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for
and in consideration of the sum of ONE DOLLAR to each in hand paid and other
good and valuable consideration, the receipt whereof is hereby acknowledged, we
have sold, assigned and set over, and do hereby sell, assign and set over to said
corporation, its successors or assigns, the entire right, title and interest to and in said
invention in the United States and in all foreign countries, said United States
application for Letters Patent therefor and the Letters Patent when issued; and we
do hereby authorize and request the Commissioner of Patent and Trademarks to
issue the Letters Patent based upon said application to said corporation as the
assignees of our entire right, title and interest to and in the same, for the sole use
and behoof of said corporation, its successors or assigns.

And we also hereby covenant and agree to sign all proper papers
including divisional and other applications for patents and assignments thereof in
the United States and application for patents and assignments in all foreign
countries, and to execute all rightful oaths and to take any other proper action that
may in the judgment of the said corporation be necessary for securing thereto full
rights to said invention, all of the foregoing to be at the expense of said corporation.


John F. O'Connor, Jr.


Roger B. Dickinson

Russel H. Marvin
Russel H. Marvin

STATE OF Connecticut)
) ss: Torrington
COUNTY OF Litchfield)

On this 19th day of February, 2002, before me, the subscriber, personally appeared John F. O'Connor, Jr. to me known and known to be the same person described in and who executed the foregoing instrument, and duly acknowledge that he executed the same.



Notary Public - Beth L. Anstett

(Seal)

Carmin xps 6-30-02